

BEST AVAILABLE RETROFIT TECHNOLOGY ELIGIBILITY CERTIFICATION FORM

This form provides the DNR with information to identify a company or facility, equipment location(s) and personnel involved in the BART Eligibility Certification. It also requests information on specific BART emission unit(s) and the unit(s) potential emissions.

BACKGROUND

The Best Available Retrofit Technology (BART) is a provision of federal Regional Haze Regulations (40 CFR 51.308). It was designed to improve visibility at specific federal Class I areas, such as our national parks and wilderness areas. Regional haze is caused by tiny particles that absorb and scatter sunlight, giving the sky a veil of white and brown haze. These particles are the result from air pollution transported from hundreds of miles away and attributable to the cumulative emissions from widely distributed sources.

The BART provision requires states to determine which emission units are BART eligible. Facilities with BART eligible units will be reviewed to determine if the emissions could reasonably be anticipated to cause or contribute to any visibility impairment in any federal mandatory class I area. The nearest mandatory Class I areas to Iowa are located in South Dakota (Badlands National Park and Wind Cave National Park), Minnesota (Voyagers National Park and the Boundary Waters Canoe Area) and Missouri (Hercules-Glades Wilderness).

EXAMPLES/FAQs

What is a BART eligible source?

The BART provision applies to stationary sources with emissions units that have the potential to emit 250 tons or more of any visibility-impairing air pollutant. The emissions units must have been placed in service between August 7, 1962 and August 7, 1977 and fall within one or more of the 26 major stationary source categories. Visibility-impairing air pollutants include nitrogen oxides (NO_x), sulfur dioxide (SO₂), particulate matter (PM₁₀), and volatile organic compounds (VOC). The BART rule can be found in 567 Iowa Administrative Code (IAC) Chapter 22.9. The list of categories is located in Chapter 22.100. To access 567 IAC Chapter 22, please go to <http://www.legis.state.ia.us/IowaLaw.html>, click on Iowa Administrative Code, click again on the Iowa Administrative Code, click on ENVIRONMENTAL PROTECTION COMMISSION [567] (GNA), and click on Chapter 22.

What should be included on this form? Since I have one BART unit at the facility, does that mean I need to list all other emission units?

All emission units at the facility that meet the date requirements in the rule (also mentioned in the above example) and the associated potential emissions must be listed. No other emission units need to be listed.

What happens after the form is submitted? Will the DNR notify BART eligible facilities of the next step?

The DNR will review all data received to: 1) verify the facility is BART eligible; 2) screen the results for levels of visibility impact; and 3) notify facilities of the next step. An additional rulemaking is anticipated later in 2005 to detail requirement of the next steps.

What should I do if I received this form and the facility does not fit all of the criteria mentioned above?

The facility is not subject to the BART provision of the Regional Haze rule. Please check the "No" box on the Bart Eligibility Certification Form, sign, date the form and return it to the DNR.

POTENTIAL SOURCES OF INFORMATION

Data may be difficult to collect given the age of BART eligible units. Air construction and Title V permits are an obvious source of information, if the unit has been permitted. The most difficult data element will likely be determining the date on which construction was commenced. Construction contracts, tax records or local/county assessor's office may be alternatives.

Instructions for Best Available Retrofit Technology Eligibility Certification Form

1. Provide the name of the company or organization applying for the certification.
2. Name of the primary person who should be contacted regarding this certification.
3. Telephone number and e-mail address of person listed in (2).
4. & 5. Mailing address to which correspondence should be sent.
6. Name of the facility where the equipment is located.
7. & 8. Physical address of location of equipment, if different from 4. and 5.
9. Provide the Standard Industrial Classification (SIC) code for your plant. If your plant includes more than one major activity, provide the SIC code for each activity. The SIC codes are a compilation by the federal government of businesses by type of activity. SIC codes are intended to cover the entire field of economic activity.
10. Briefly describe the primary activity and principal product of your business. If your plant includes more than one major activity, describe all activities.
11. **Please indicate whether or not your facility has any BART eligible units.** If the facility does not have any BART eligible emission units, please check the corresponding box, sign, date, and return the form to the DNR. If the facility does have BART eligible emission units, please check the corresponding box, provide the information requested, sign, date, and return the form to the DNR.
12. Provide the name of the emission unit, such as "boiler," etc.
13. Provide the identification number for the emission unit. **The ID number should match ID numbers used on other construction permit applications and within this form.** If you submitted an operating permit application, the numbers used for identification purposes in this application should be consistent with the ID numbers used in your operating permit application.
14. List any applicable permit numbers.

15. The date of construction/reconstruction is the month, day, and year in which construction was commenced. Definitions:
- Construction** means fabrication, erection, or installation of an affected facility.
- Commenced** means that an owner or operator has undertaken a continuous program of construction or modification or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction or modification.
- Reconstruction** means the reconstruction or modification where the fixed capital cost of the new component exceeds 50 percent of the fixed capital costs of a comparable entirely new source.
16. The date of start up is the setting into operation of any control equipment or process equipment or process for any purpose.
17. If the emission unit has been or will be modified since construction, give the month, day, and year of the most recent or future modification.
18. Provide the emission rate in tons per year for all pollutants emitted by this emission unit. In this form emission rates for an emission unit are its permitted limits (if any). Otherwise, potential to emit should be shown. Potential to emit is defined as uncontrolled emissions at maximum design or achievable capacity (whichever is higher) and year-round continuous operation (8760 hours per year) IF there are no federally enforceable permit limits on the emission unit. If the emission unit has or will have control equipment or some other proposed permit limitation such as hours of operation or material usage, then, the control efficiency or proposed permit limit(s) may be used in calculating potential to emit. The definition of "potential to emit" is found in 567 IAC Chapter 20.2.
- 19 - 21 Please list the Responsible Official's name and title. Also, please sign and date the form.